A SYSTEM AND METHOD FOR PROVIDING POSITIONAL
AUTHENTICATION FOR CLIENT-SERVER SYSTEMS

5   ABSTRACT OF THE INVENTION

      The present invention is embodied in a system and method for providing

positional authentication for client-server systems, such as extranets. In

general, an authentication system of the present invention controls and

authenticates access rights to a host server from a client machine that desires

10   access to the host server via a network connection, such as an extranet

connection. Specifically, the present invention includes a client machine

coupled to a host server, via any suitable connection, such as an extranet, and

a wireless positioning system, such as a global positioning satellite (GPS). The

client machine can be any suitable client computer machine, such as a desktop

15   computer, portable notebook computer or the like. The client machine includes

a positioning receiver and a positional relation module. The host server

includes an authentication module with predefined access parameters for

standard and positional authentication. A portion of the predefined access

parameters is used to associate specific locations of the client machine with

20   access rights for positional authentication.